

An Easy to Build Mid-Century Style Cabinet

DIY Plans to Build a Mid Century Modern Angled Cabinet

Love easy to build Mid Century style furniture? This cabinet is for you! The DIY plans to build a Mid Century Modern Angled Cabinet is a trapezoid shape with angled doors and shelving inside. The legs on the base mimic the lines of the cabinet, and the doors are hinged at the center. This is an ultra-easy cabinet to build – even for those new to woodworking!

build a mid century modern angled cabinet



DESIGNS BY
STUDIO C



DESIGNS BY
STUDIO C

Materials:

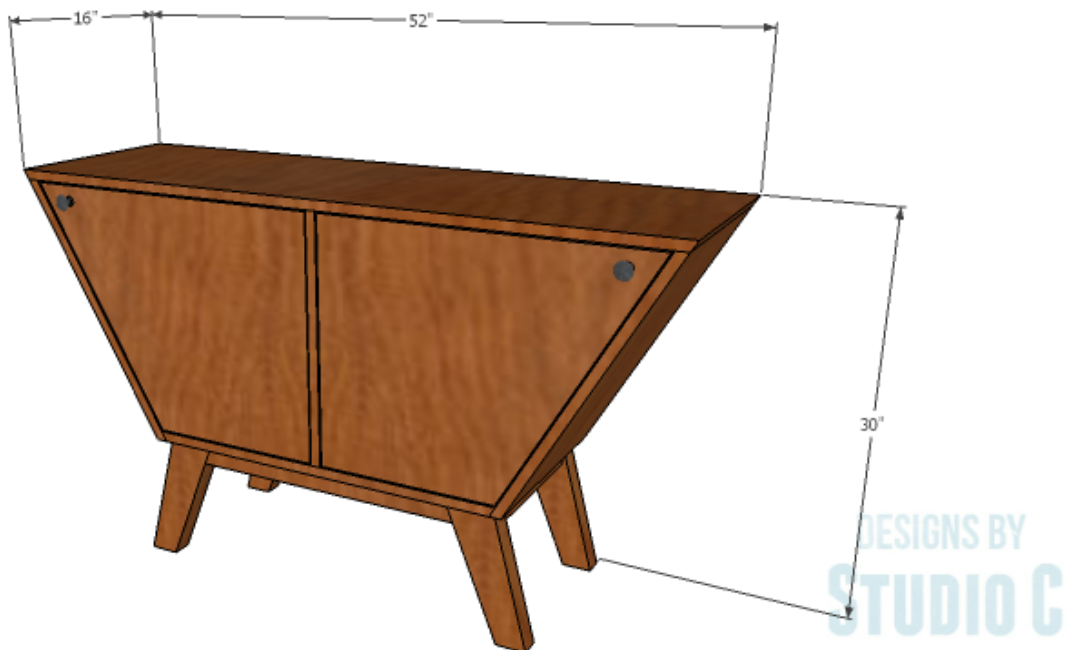
- 1-1/4" pocket hole screws
- 1-1/4" brad nails
- 1-3/4" brad nails
- 2" screws
- Edge banding
- 2 sets of concealed hinges
- Cabinet pulls
- 2 magnetic catches
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

Lumber:

- 1 – 1×2 at 8'
- 1 – 2×4 at 4'
- 1 – 4' x 8' sheet of 1/4" plywood
- 2 – 4' x 8' sheets of 3/4" plywood

Cut List:

- 2 – 3/4" plywood at 16" x 22-11/16" – Sides
- 1 – 3/4" plywood at 16" x 27-15/16" – Bottom
- 1 – 3/4" plywood at 16" x 52" – Top
- 4 – 2x4 at 11-1/4" – Legs
- 2 – 1x2 at 21-1/16" – Front & Back Stretchers
- 2 – 1x2 at 11-1/2" – Side Stretchers
- 1 – 3/4" plywood at 16" x 18-1/2" – Divider
- 2 – 3/4" plywood at 15" x 18-15/16" – Shelves
- 1 – 1/4" plywood at 19-1/4" x 50-3/16" – Back
- 2 – 3/4" plywood at 18-1/4" x 24" – Doors



Click on the drawings for a larger view!

Edge banding will be applied to the exposed edges of the plywood prior to assembly.

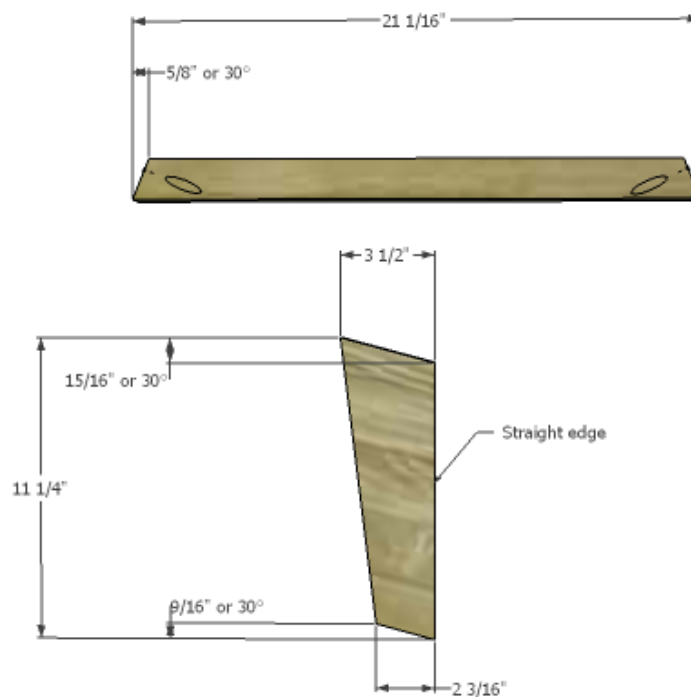
Step One

Cut the pieces for the legs and the stretchers. For the legs – cut the boards to length. Cut the taper using a tapering jig on the table saw, a bandsaw, or a jigsaw, then cut the angles

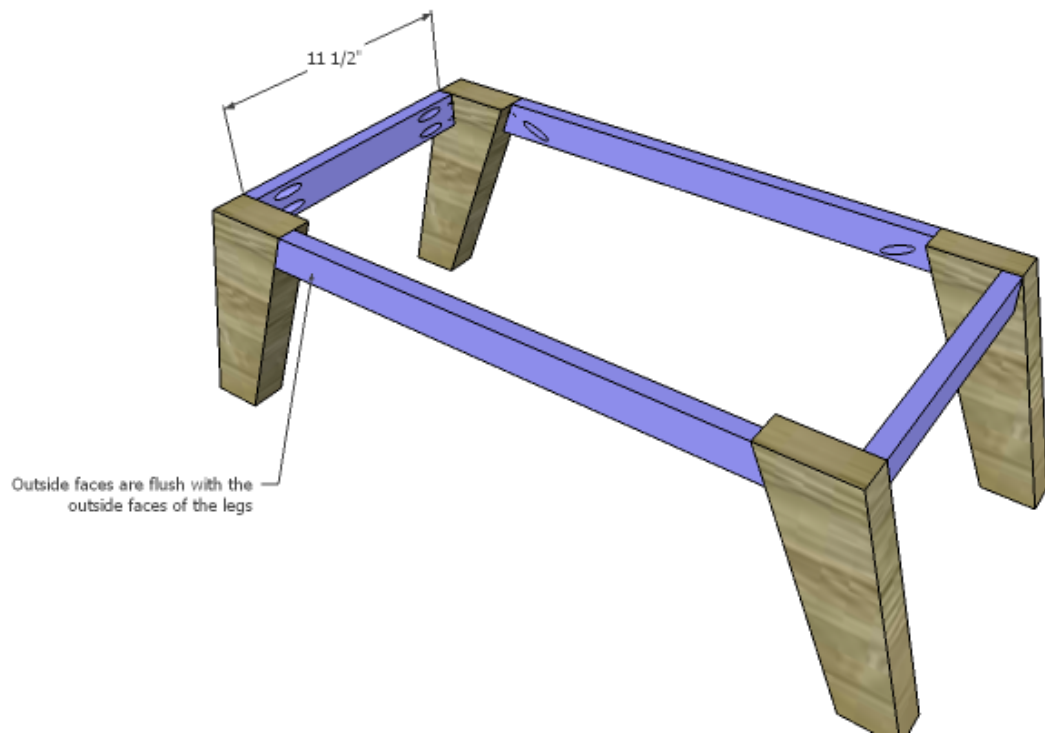
in each end.

The angles in each end of the front and back stretchers are 30° . Drill one pocket hole in each end. Secure the stretchers to the legs using glue and 1-1/4" pocket hole screws. The outside faces of the stretchers will be flush with the outside faces of the legs.

Drill pocket holes in each end of the side stretchers. Secure the side stretchers to the legs using glue and 1-1/4" pocket hole screws.



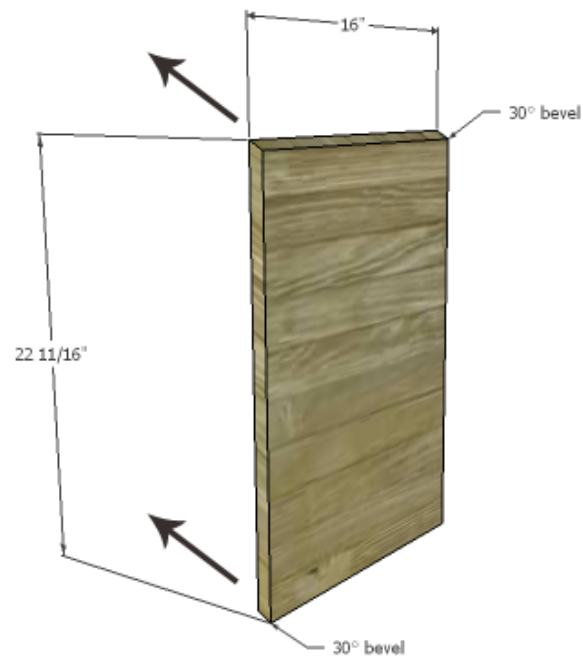
DESIGNS BY
STUDIO C



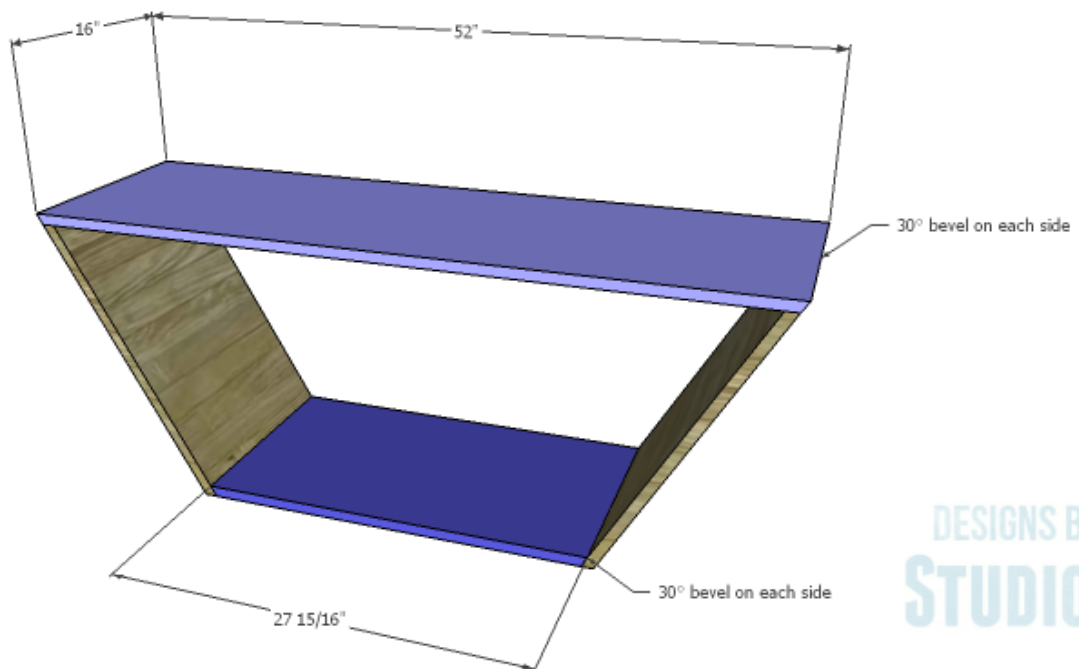
Step Two

Cut the pieces for the sides of the cabinet. Cut a 30° bevel in each end. (See the arrows in the drawing for the direction.)

Cut the pieces for the top and the bottom, also cutting 30° bevels in each end. Assemble the cabinet as shown in the drawing using glue and 1-3/4" brad nails. The brad nails may have to be inserted at a slight angle so they won't go through the side or bottom pieces.



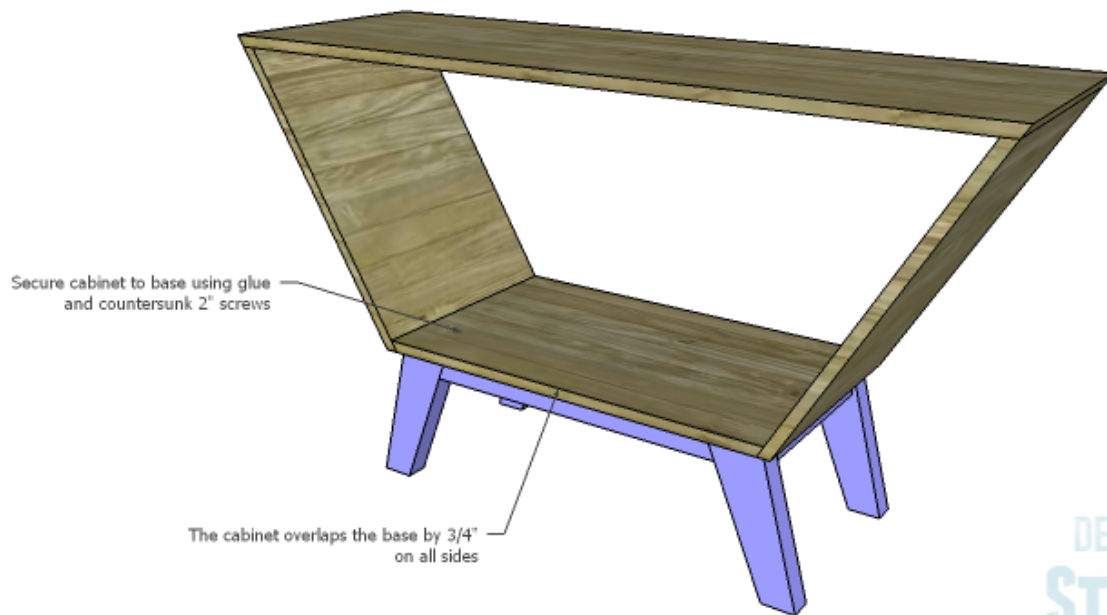
DESIGNS BY
STUDIO C



DESIGNS BY
STUDIO C

Step Three

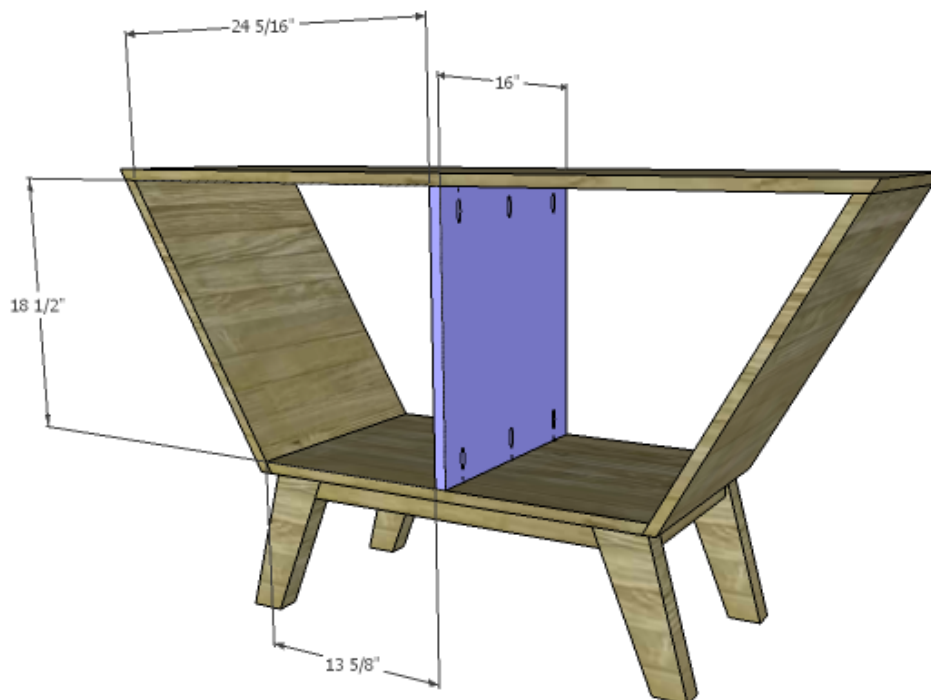
Position the cabinet on the base with $\frac{3}{4}"$ overhanging on each side. Secure the cabinet to the base using glue and countersunk $2"$ screws.



DESIGNS BY
STUDIO C

Step Four

Cut the piece for the divider and drill pocket holes in each end. Secure the divider to the top and bottom using glue and 1-1/4" pocket hole screws.



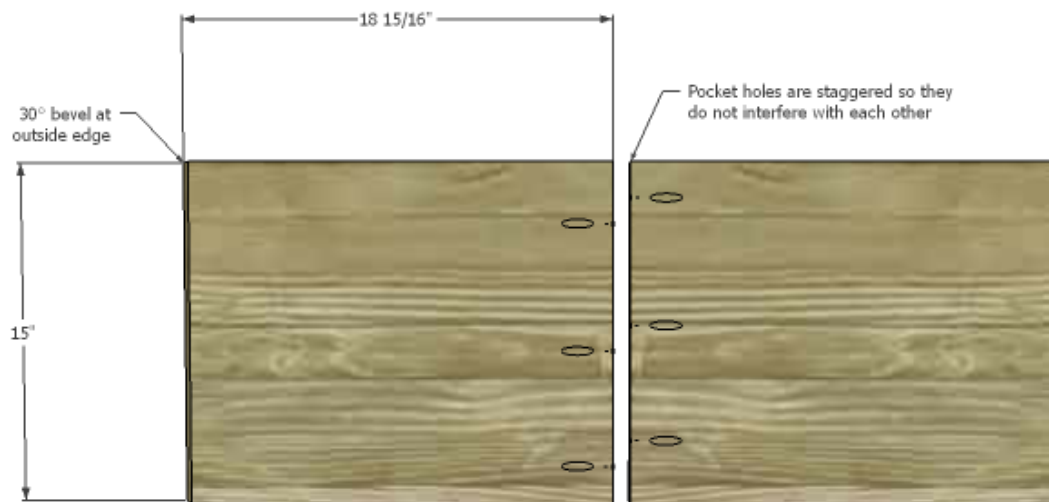
DESIGNS BY
STUDIO C

Step Five

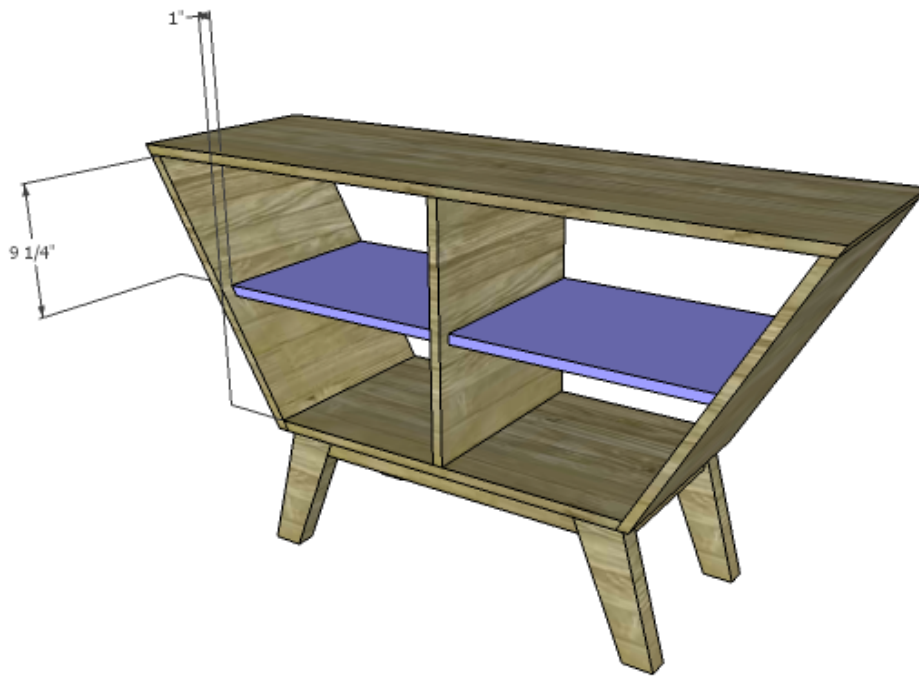
Cut the pieces for the shelves and cut a 30° bevel in one end of each piece. In the opposite end, drill pocket holes making sure they are staggered so they won't interfere with the pocket holes in the opposite shelf.

Secure the shelves to the divider using glue and 1-1/4" pocket hole screws. Secure the opposite side of each shelf to the side using glue and 1-3/4" brad nails.

The shelves are positioned so they are flush with the back edge of the divider, making them 1" back from the front of the divider.



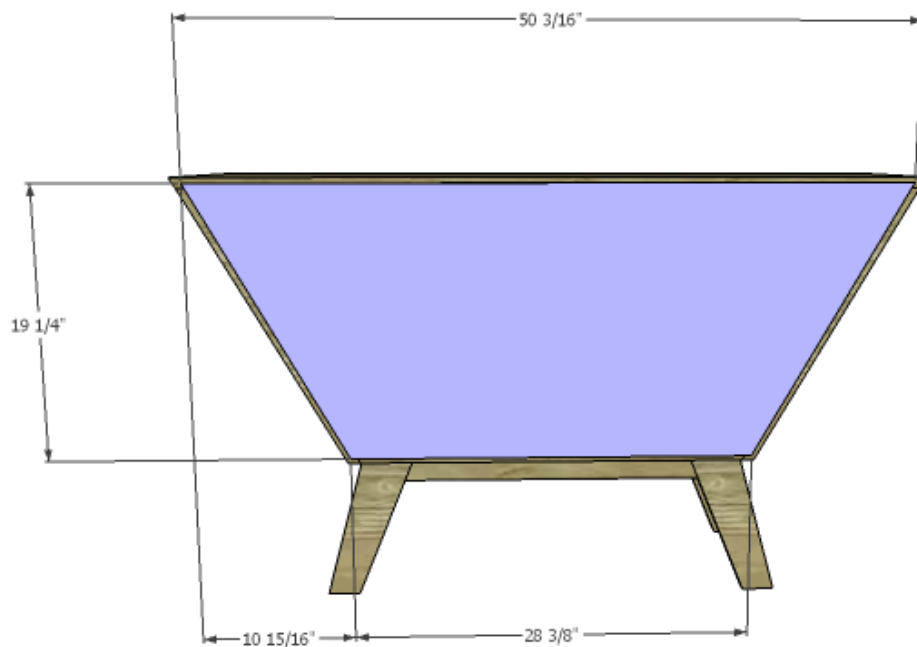
DESIGNS BY
STUDIO C



DESIGNS BY
STUDIO C

Step Six

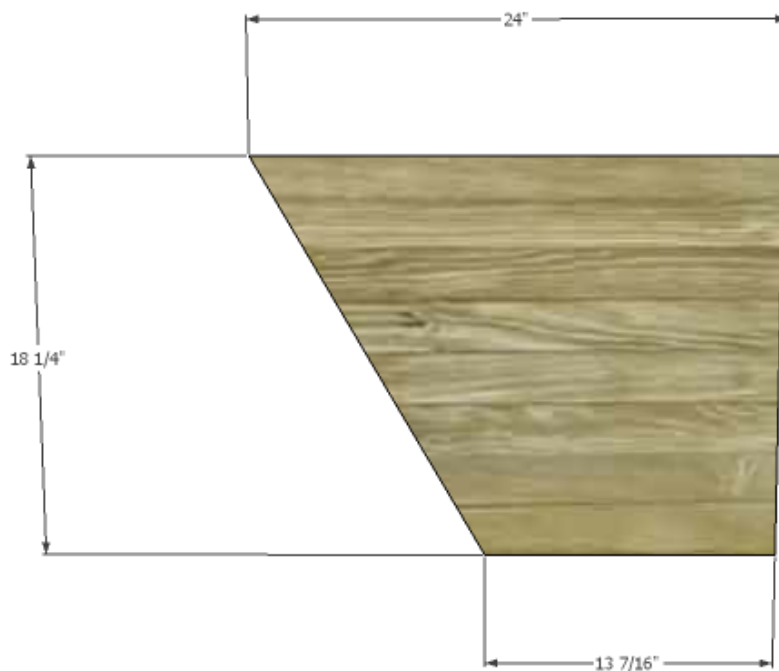
Cut the piece for the back. Secure the back in place using glue and 1-1/4" brad nails.



DESIGNS BY
STUDIO C

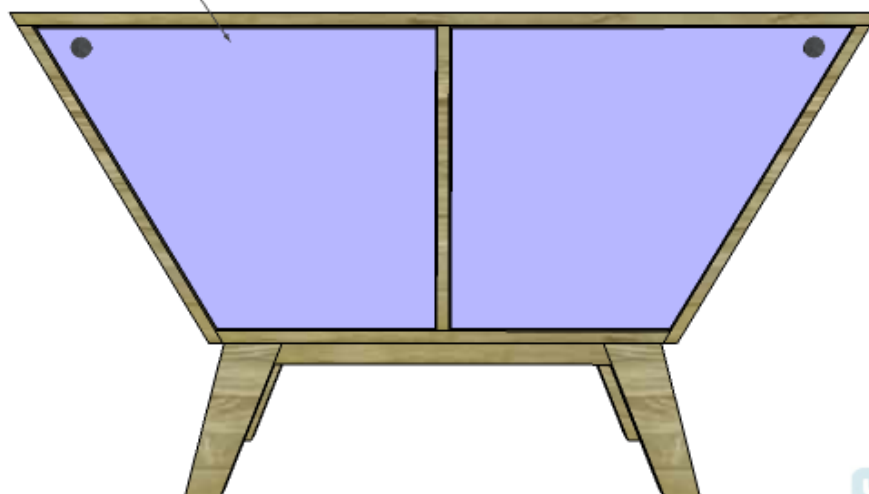
Step Seven

Cut the pieces for the doors. There will be a $\frac{1}{8}$ " gap around all sides of the doors in the openings. Install the hinges according to the manufacturer's installation instructions. Install the cabinet pulls and the magnetic catches.



DESIGNS BY
STUDIO C

There will be a $\frac{1}{8}$ " gap around all sides of the doors in the openings



DESIGNS BY
STUDIO C

Finish as desired.

This fabulous cabinet would look great in any room and would also make a great media stand! Have any questions about the DIY plans to build a Mid Century Modern Angled Cabinet? Leave a comment below!